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(54) Title: CANCER CELL TARGETING GENE DELIVERY METHOD

HCMV Promoter

1		GALV ENV	685 AA
2		pHEFvGEL199	956 AA

MCMV Promoter

1		GALV ENV	685 AA
2		pMEFvGEL199	956 AA

(57) Abstract: The inventive chimeric ligand in the form of a fusion polypeptide of a single-chain antibody specific for Tag-72 surface antigen and GalV envelope glycoprotein shows high transduction efficiency to cancer cells, specifically infects target cells and efficiently delivers a therapeutic gene. Accordingly, the inventive chimeric ligand can be effectively used for gene therapy to inhibit tumor growth and metastasis.

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